

101.9 High Temperature Alloys (chip and disk forms)

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Elemental Composition (mass fraction, in %)

SRM	Description	Unit Size (in g)	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Co	Ti	Al	Nb	Ta	Fe	W	B
866	Incoloy™ 800	100	0.082	0.92	0.017	0.001	0.17	0.49	30.8	20.1	0.36	0.075	0.31	0.29	(0.09)	46.1	<0.001		
867	Incoloy™ 825	100	0.021	0.39	0.018	0.002	0.32	1.74	43.5	23.4	2.73	0.089	0.75	0.062	(0.45)	26.6	0.002		
1230	A 286	disk	0.044	0.64	0.023	0.0007	0.43	0.14	24.2	14.8	1.18	0.15	2.12	0.24	(0.07)	V 0.23	(55)	(0.07)	0.0055
1246	Incoloy™ 800	disk	0.082	0.91	0.018	0.001	0.18	0.49	30.8	20.1	0.36	0.076	0.32	0.30	(0.09)	46.2	<0.001		
1247	Incoloy™ 825	disk	0.021	0.38	0.018	0.002	0.32	1.75	43.5	23.4	2.73	0.089	0.75	0.060	(0.46)	26.5	0.002		
1250	Fe-Ni-Co	disk	0.022	0.052	<0.003	0.0025	0.097	0.022	37.78	0.077	0.014	16.1	1.48	0.99	2.99	0.003	40.5	V 0.077	0.0078
C2400	High Alloy Steel, ACI (17/4 PH)	disk	0.036	0.71	0.013	0.003	0.61	2.63	4.07	17.06	0.23	0.10			0.15	V 0.092	(0.1)	(0.0004)	
C2401	High Alloy Steel (ACI-CD-4M Cu)	disk	0.062	1.03	0.025	0.027	0.74	3.17	5.46	25.1	2.13	0.19			(0.002)	V 0.20	(0.18)	(0.0004)	

Values in parentheses are not certified and are given for information only.